Intellectual Property Administration P. O. Box 272400 Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 200313242-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Sumit ROY, et al.

Confirmation No.:

pplication No.: 10/698,671

Examiner:

Filing Date:

10/30/03

Group Art Unit:

Title:

SYSTEMS AND METHODS FOR SELECTING A PROVIDER TO SERVICE CONTENT

REQUESTED BY A CLIENT DEVICE

Commissioner for Patents PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

ĆΧ)	under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
()	under 37 CFR 1.97 (c) together with either a: () Statement under 37 CFR 1.97(e), or () a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
()	under 37 CFR 1.97 (d) together with a: () Statement under 37 CFR 1.97(e)(1) or (2), and () a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with (X) any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service	Respectfully submitted,
as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA	Sumit ROY, et al.
22313-1450. Date of Deposit: <u>01/30/04</u> OR	By
() I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number on	John P. Wagner, Jr.
Number of pages:	Attorney/Agent for Applicant(s) Reg. No. 35,398
Typed Name: Desiree Caldwell Signature:	Date: 01/30/04
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Telephone No.: (408) 938-9060

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APPLICATION NO. CONFIRMATION NO.

APPLICANT

Sumit ROY, et al.

FILING DATE 10/30/03 GROUP

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appea
	1A	6,516,350	Feb. 4, 2003	Lumelsky, et al.	
	1B	6,442,165	Aug. 27, 2002	Sitaraman, et al.	
	1C	5,937,388	Aug. 10, 1999	Davis, et al.	
	1D	6,055,433	Apr. 25, 2000	Yuan, et al.	
	1E	6,463,454	Oct. 8, 2002	Lumelsky, et al.	
	1F	2003/0046396	Mar. 6, 2003	Richter, et al.	
	1G	2002/0152305	Oct. 17, 2002	Jackson, et al.	
	1H				
-	1 I				
	1 J	-			
	1K				

FOREIGN PATENT DOCUMENTS

•		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translation attached
	1L	EP1035718A1	13/09/2000	Lucent technologies		
Assert State of State	1M	WO02/058396	25/07/2002	Streamworks Tech		
	1N					
	10					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	"INTERNET STREAMING MEDIA ALLIANCE IMPLEMENTATION SPECIFICATION", Version1.0; August 28, 2001; Internet Streaming Media Alliance (ISMA); 68 pages.					
1R	M. Handley, et al.; "SDP: SESSION DESCRIF (1998); April 1998; 40 Pages.	PTION PROTOCOL"; copyright: The Internet Society				
15	Don Box, et al.; "SIMPLE OBJECT ACCESS pages.	PROTOCOL (SOAP) 1.1"; May 8, 2000; W3C; 35				
EXAMINER		DATE CONSIDERED				

Sheet 1 of 1

	FORM PTO-1449
E	LIST OF PATENTS AND PUBLICATIONS FOR
	APPLICANT'S INFORMATION DISCLOSURE
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APPLICATION NO. CONFIRMATION NO. ATTY. DOCKET NO. 200313242-1 10/698,671 APPLICANT Sumit ROY, et al. GROUP

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Rev 10/03 (PTO1449)

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REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
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1L					
 1M					
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1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Elan Amir, et al.; "AN ACTIVE SERVICE FRAMEWORK AND ITS APPLICATION TO REAL-TIME MULTIMEDIA TRANSCODING"; available at www.net-tech.bbn.com/smtpkts/baltimore/index.html; 12 pages.					
1R	Michael Harville, et al.; "AN ARCHITECTURE FOR COMPONENTIZED, NETWORK-BASED MEDIA SERVICES"; Hewlett-Packard Laboratories, Palo Alto, CA; 7 pages.					
15	Michael Harville, et al.; "AN ARCHITECTURE FOR COMPONENTIZED, NETWORK-BASED MEDIA SERVICES" Streaming Media Systems Group, HP Labs, Palo Alto, CA; 4 pages.					
EXAMINER	DATE CONSIDERED					

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Sheet 1 of 1

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

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	1L					
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	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	Takeshi Yoshimura, et al.; "MOBILE STREAM May 7-11, 2002; Honalulu, Hawaii; pages 6	MING MEDIA CDN ENABLED BY DYNAMIC SMIL"; 651-661.
	1R	Susie J. Wee, et al.; "FIELD-TO-FRAME TRADOWNSAMPLING"; IEEE International confe	ANSCODING WITH SPATIAL AND TEMPORAL erence on Image Processing, Kobe, Japan, October
	15	Sumit Roy, et al.; "APPLICATION LEVEL HA TRANSCODING SESSIONS"; NOSSDAV 200	ND-OFF SUPPORT FOR MOBILE MEDIA 02, May 12-14, 2002, Miami, Florida; 10 pages.
EXAMINE	:R		DATE CONSIDERED

Rev 10/03 (PTO1449)

Sheet 1 of 1

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Rev 10/03 (PTO1449)

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APPLICATION NO. CONFIRMATION NO.

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Sumit ROY, et al.

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	1L					
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Sumit Roy, et al.; "IMPLEMENTATION OF AITRANSCODING OF COMPRESSED VIDEO OF Palo Alto, CA; 8 pages.	N ALGORITHM FOR FAST DOWN-SCALE N THE ITANIUM"; Hewlett- Packard Laboratories,
1R	3GPP TS 26.244 V0.1.2 (2003-02-19); 3rd Group Services and System Aspects Transpa (PSS); 3GPP file format (3GP) (Release 6).	Generation Partnership Project: Technical Specification arent end-to-end packet switched streaming service
15	3GPP TS 26.234 V5.0.0 (2000-03); 3rd Ger Group Services and System Aspects; Transp (PSS); Protocols and codecs (Release 5).	neration Partnership Project: Technical Specification parent end-to-end packet switched streaming service
EXAMINER		DATE CONSIDERED

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	OTHER REFE	RENCES (includia	ng Au	rthor, Title, Date, P	ertin	ent Pages, etc.)		
1Q	H. Schilzrinne, (Society (1998);	et al.; "REAL TIME April 1998; 87 pa	STRE	EAMING PROTOCOL ((RTS	P)"; copyright: The	e Internet	
1R	H. Schilzrinne, (et al.; "RTP: A TRA	ANSP(ORT PROTOCOL FOR	REA	L-TIME APPLICAT	IONS";	

A. Babir, et al.; "OPES USE CASES AND DEPLOYMENT SCENARIOS draft-ietf-opes-scenarios-01" copyright: The Internet Society (2002); August 5, 2002; 16 pages.

DATE CONSIDERED

Rev 10/03 (PTO1449)

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		OTHER REFI	RENCES (includin	ig Aut	hor, Title, Date, P	ertinent Pages, etc.)				
	1Q	A. Babir, et al. -ietf-opes-arch	; "AN ARCHITECTU itecture-04"; copyri	RE FO	R OPEN PLUGGABL ne Internet Society (E EDGE SERVICES (OPES) c 2002); December 11, 2002	Iraft ; 22 pages.			
	1R	Wei Tsang Ooi GATEWAYS";	, et al.; "DESIGN AI Department of Com	ND IM	PLEMENTATION OF Science, Cornell Uni	PROGRAMMABLE MEDIA versity, Ithaca, NY; 8 pages				
	1	1								
	15	Wei-Ying Ma, 6 9 Pages.	et al.; "CONTENT S	ERVIC	ES NETWORK: THE	ARCHITECTURE AND PROT	OCOLS"';			

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